

REMARKS

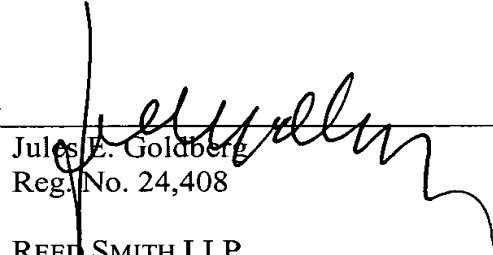
A Sequence Listing in accordance with 37 C.F.R. §§ 1.821-1.825 has been provided. Reference to SEQ ID NOs: 1-2 has been entered into the specification. It is submitted that no new matter has been entered. A marked-up version of the amendments follows.

Entry of the Sequence Listing and the amendments herein are respectfully requested.

Respectfully submitted,

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By


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AMENDMENTS (MARKED-UP VERSION)

In the Specification:

Please replace the paragraph that begins on page 13, line 21 and ends on page 13, line 29 with the following paragraph.

An oligonucleotide (SEQ ID NO:1, 3'-CTAGTCTGTGAAGTGTCTGATC-5', 22-mers) having an amino group at 3'-terminal and a fluorescent label (FluoroLink, Cy 5-dCTP, available from Amasham Pharmacia Biotec Corp.) at 5'-terminal was treated with 5-hexynoic acid (available from Tokyo Kasei Industries Co., Ltd.) and 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride (available from Tokyo Kasei Industries Co., Ltd.) to incorporate a 5-heptynoylamino group into the 3'-terminal of the oligonucleotide.

Please replace the paragraph that begins on page 14, line 25 and ends on page 14, line 36 with the following paragraph.

A target oligonucleotide (SEQ ID NO:2, GATCAGACACTTCACAGACTAG-5', 22-mers) having Cy5 (fluorescent label) at its 5'-terminal was dispersed in 20 μ L of a hybridizing solution (mixture of 4 x SSC and 10 wt.% SDS). The resulting solution was spotted onto the glass plate (D2) prepared in (1) above, and its spotted surface was covered with a covering glass. Thus covered chip was subjected to incubation at 60°C for 20 hours in a moisture chamber. The incubated chip was washed successively with a mixture of 0.1 wt.% SDS and 2xSSC, a mixture of 0.1 wt.% SDS and 0.2xSSC, and an aqueous 0.2xSSC solution, centrifuged at 600 r.p.m. for 20 seconds, and dried at room temperature.